

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A computerized method for generating a display on a screen display device~~annotating an element of a view captured at a focal length~~, comprising the steps of:

- (a) capturing a view at a focal length~~retrieving a set of elements to annotate in said view~~;
- (b) retrieving a set of elements to annotate in said view;
- ~~(b)~~(c) obtaining an identification of each said element, wherein said obtaining an identification includes linking a plurality of ~~several~~ identifications ~~are arranged~~ in a pyramid representation in which at least one common annotation which is displayed at a coarser scale of said view is linked with ~~has~~ a plurality of offspring annotations which are only displayed at a finer scale of said view;

~~(c)~~(d) relating the identification to annotating data associated with said elements to provide an annotated view; and

~~(d)~~(e) causing the annotated view~~annotating data~~ to be displayed on the screen display device.

2-7. (Cancelled)

8. (Previously presented) The method of claim 1, wherein relating the identification to the annotating data comprises referring to a database.

9. (Cancelled)

10. (Previously Presented) The method of claim 38, wherein the signal from the element has been located using array processing.

11. (Cancelled)

12. (Previously presented) The method of claim 1, wherein displaying the annotating data comprises generating one of a visual signal, auditory signal and tactile signal.

13. (Previously presented) The method of claim 1, wherein displaying the annotating data is in combination with displaying an image/video of the view.

14. (Previously presented) The method of claim 1, wherein displaying the annotating data comprises highlighting.

15. (Original) The method of claim 1, wherein the view is for training/instruction.

16. (Original) The method of claim 1, wherein the view is of a commercial establishment.

17. (Original) The method of claim 1, wherein the view is from within a museum.

18. (Original) The method of claim 1, wherein the view is in a navigation system.

19. (Original) The method of claim 1, wherein the view is of a shopping display.

20. (Original) The method of claim 1, wherein the view is of participants in a meeting.

21. (Cancelled)

22. (Currently Amended) A system for generating a display on a screen display device ~~annotating an element of a view captured at a focal length~~, comprising the steps of:

(a) means for capturing a view at a focal length;

(b) means for retrieving a set of elements to annotate in said view;

(c) means for obtaining an identification of each said element, wherein said means for obtaining links a plurality of ~~several~~ identifications ~~are arranged~~ in a pyramid representation in which at least one common annotation which is displayed at a coarser scale of said view is linked with ~~has~~ a plurality of offspring annotations which are only displayed at a finer scale of said view;

(d) means for relating the identification to annotating data associated with said elements to provide an annotated view; and

(e) a screen display device to display the ~~annotating data~~ annotated view.

23. (Previously presented) The method according to claim 1, wherein the view is taken by a camera.

24. (Previously presented) The method according to claim 1, wherein the element emits a radio beacon emitting information including its location.

25. (Previously presented) The method according to claim 1, wherein a radio input provides information concerning location as well as meta-information.

26. (Previously presented) The method according to claim 1, wherein the view is annotated based on the position and viewing direction.

27. (Previously presented) The method according to claim 1, wherein the method is for use with a portable device.

28. (Previously presented) The method according to claim 1, wherein a touching screen is used for pointing at the element.

29. (Previously presented) The method according to claim 1, wherein the element, its environment or a target placed on the element is tracked and annotated with relevant meta-information.

30. (Previously presented) The method according to claim 1, wherein the annotating data is further based upon an analysis of the view.

31. (Previously presented) The system according to claim 21, wherein the view is taken by a camera.

32-37. (cancelled)

38. (currently amended) A computerized method for annotating an element of a view, comprising the steps of:

obtaining a digital image of a view of an element by a device;
obtaining an identification of the element, wherein the identification is based on visual cues using computer vision;
relating the identification to annotating data associated with the element; and,
causing the annotating data to be displayed.

39-43. (Cancelled)

44. (Currently Amended) A computerized method for annotating ~~an element of a view captured with a mobile phone including a camera~~, comprising the steps of:

capturing a digital image of a view having an element with a mobile phone including a camera;

~~automatically~~ obtaining an identification of the element;

~~automatically~~ relating the identification to annotating data associated with the element;

superimposing said annotating data on said view; and

causing the data to be displayed on a display.

45. (Cancelled)

46. (New) A computerized method for annotating an element of a view captured by a mobile phone including a camera, comprising the steps of:

determining a position and shooting orientation of said camera;

obtaining an image with said camera, said image representing a view;
obtaining a list of elements in said view;
for each of said elements, finding a matching feature in said image based on computer vision; and
at the location of a best match, annotating the image with a descriptive information of said element.

47. (new) A method for annotating a participant in a meeting, comprising the steps of:
orienting an image capture device toward said participant;
retrieving identifying information of said participant, using visual cues and computer vision; and
causing said identifying information to be displayed as annotating data on a live image.